505318105 02/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5364886

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
AJAY SAINI			12/20/2018		
YONG-JOON PARK			12/21/2018		
SRAVAN AKEPATI			12/20/2018		
RECEIVING PARTY D	ΑΤΑ				
Name: INTEL CORPORATION					
Street Address:	2200 N	2200 MISSION COLLEGE BOULEVARD			
City:	SANTA	SANTA CLARA			
State/Country:	CALIF	CALIFORNIA			
Postal Code:	95054	95054			
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number:		16269881			
CORRESPONDENCE	DATA				
Fax Number: (713)		(713)468-8883			
		o the e-mail address first; if that is I; if that is unsuccessful, it will be a			
Phone:	n provided	5124189944	sent via 05 man.		
		tphpto@tphm.com			
Correspondent Name: TRO		TROP, PRUNER & HU, P.C.			
		1616 S. VOSS ROAD, SUITE 750			
Address Line 4:		HOUSTON, TEXAS 77057-2631			
ATTORNEY DOCKET NUMBER:		ITL.3768US (AA9574-US)	ITL.3768US (AA9574-US)		
NAME OF SUBMITTER:		JOHN C. GARZA	JOHN C. GARZA		
SIGNATURE:		/John C. Garza/	/John C. Garza/		
DATE SIGNED:		02/07/2019	02/07/2019		
Fotal Attachments: 2		•			
	-	ed Assignment#page1.tif			
ource=ITL.3768US - F	ully Execut	ed Assignment#page2.tif			

Attorney Docket No.: ITL.3768US (AA9574-US)

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Ajay Saini; Yong-Joon Park; and Sravan Akepati

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

Expanded Refresh Rates for a Display Device

(I hereby authorize Trop, Pruner, & Hu, P.C. to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	February 7, 2019	as
U.S. Application Num	ber 16/269,881	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

Page 1 of 2

PATENT REEL: 048266 FRAME: 0256

Attorney Docket No.: ITL.3768US (AA9574-US)

legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Ajay Saini Yong-Joon Park 5W C Sravan Akepati

Soth Dec 2018 Date signed

1) / 2/ /20 /8 Date signed

12/20/2018 Date signed

Page 2 of 2

PATENT REEL: 048266 FRAME: 0257

RECORDED: 02/07/2019